

Table ENG-3. - Building Site Development

Westmoreland County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1A:							
Ackwater	85	Very limited Shrink-swell Depth to saturated zone	1.00 0.07	Very limited Shrink-swell Depth to saturated zone	1.00 1.00	Very limited Shrink-swell Depth to saturated zone	1.00 0.07
Emporia		Not Rated		Not Rated		Not Rated	
Montross		Not Rated		Not Rated		Not Rated	
Savannah		Not Rated		Not Rated		Not Rated	
1B:							
Ackwater	85	Very limited Shrink-swell Depth to saturated zone	1.00 0.07	Very limited Shrink-swell Depth to saturated zone	1.00 1.00	Very limited Shrink-swell Depth to saturated zone	1.00 0.07
Emporia		Not Rated		Not Rated		Not Rated	
Montross		Not Rated		Not Rated		Not Rated	
Savannah		Not Rated		Not Rated		Not Rated	
2:							
Bibb	50	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00
Levy	30	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00
Bohicket		Not Rated		Not Rated		Not Rated	
Catpoint		Not Rated		Not Rated		Not Rated	
Rappahannock		Not Rated		Not Rated		Not Rated	
3:							
Bohicket	85	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00

Table ENG-3. - Building Site Development - Continued

Westmoreland County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
3: Rappahannock		Not Rated		Not Rated		Not Rated	
4: Bojac	80	Not limited		Somewhat limited Depth to saturated zone	0.15	Not limited	
Pamunkey		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
5B: Catpoint	85	Not limited		Somewhat limited Depth to saturated zone	0.15	Not limited	
Bojac		Not Rated		Not Rated		Not Rated	
Nansemond		Not Rated		Not Rated		Not Rated	
Rumford		Not Rated		Not Rated		Not Rated	
6B: Emporia	80	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to saturated zone Shrink-swell	0.73 0.50	Somewhat limited Shrink-swell	0.50
Kempsville		Not Rated		Not Rated		Not Rated	
Suffolk		Not Rated		Not Rated		Not Rated	
7A: Kempsville	75	Not limited		Not limited		Not limited	
Emporia		Not Rated		Not Rated		Not Rated	
Savannah		Not Rated		Not Rated		Not Rated	
Suffolk		Not Rated		Not Rated		Not Rated	
7B: Kempsville	70	Not limited		Not limited		Not limited	
Emporia		Not Rated		Not Rated		Not Rated	
Savannah		Not Rated		Not Rated		Not Rated	
8:							

Table ENG-3. - Building Site Development - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
8:							
Leaf	85	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Shrink-swell	1.00	Depth to saturated zone	1.00	Shrink-swell	1.00
		Depth to saturated zone	1.00	Shrink-swell	1.00	Depth to saturated zone	1.00
Lenoir		Not Rated		Not Rated		Not Rated	
Lumbee		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
9:							
Lenoir	80	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.81	Depth to saturated zone	1.00	Depth to saturated zone	0.81
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Leaf		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
10:							
Lumbee	85	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
Bibb		Not Rated		Not Rated		Not Rated	
Leaf		Not Rated		Not Rated		Not Rated	
Nansemond		Not Rated		Not Rated		Not Rated	
11A:							
Montross	90	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.81	Depth to saturated zone	1.00	Depth to saturated zone	0.81
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Ackwater		Not Rated		Not Rated		Not Rated	
11B:							
Montross	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.81	Depth to saturated zone	1.00	Depth to saturated zone	0.81
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Ackwater		Not Rated		Not Rated		Not Rated	
12:							

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Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
12:							
Nansemond	80	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39
Rumford		Not Rated		Not Rated		Not Rated	
State		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
13:							
Pamunkey	90	Not limited		Somewhat limited Depth to saturated zone	0.15	Not limited	
Bojac		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
14:							
Pits	100	Not Rated		Not Rated		Not Rated	
15:							
Rappahannock	85	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00
Bohicket		Not Rated		Not Rated		Not Rated	
Pamunkey		Not Rated		Not Rated		Not Rated	
16B:							
Rumford	80	Not limited		Not limited		Not limited	
Nansemond		Not Rated		Not Rated		Not Rated	
State		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
17E:							
Rumford	75	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Ackwater		Not Rated		Not Rated		Not Rated	
Bibb		Not Rated		Not Rated		Not Rated	
Emporia		Not Rated		Not Rated		Not Rated	

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Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
17E:							
Kempsville		Not Rated		Not Rated		Not Rated	
18D:							
Rumford	45	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Tetotum	30	Somewhat limited Depth to saturated zone Slope	0.39 0.37	Very limited Depth to saturated zone Slope	1.00 0.37	Very limited Slope Depth to saturated zone	1.00 0.39
Ackwater		Not Rated		Not Rated		Not Rated	
Emporia		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
19A:							
Savannah	85	Somewhat limited Depth to thin cemented pan Depth to saturated zone	1.00 0.07	Very limited Depth to thin cemented pan Depth to saturated zone	1.00 1.00	Somewhat limited Depth to thin cemented pan Depth to saturated zone	1.00 0.07
Kempsville		Not Rated		Not Rated		Not Rated	
Suffolk		Not Rated		Not Rated		Not Rated	
19B:							
Savannah	85	Somewhat limited Depth to thin cemented pan Depth to saturated zone	1.00 0.07	Very limited Depth to thin cemented pan Depth to saturated zone	1.00 1.00	Somewhat limited Depth to thin cemented pan Depth to saturated zone	1.00 0.07
Kempsville		Not Rated		Not Rated		Not Rated	
Suffolk		Not Rated		Not Rated		Not Rated	
20A:							
State	90	Not limited		Somewhat limited Depth to saturated zone	0.15	Not limited	
Rumford		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
20B:							

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value			
20B:										
State	90	Not limited		Somewhat limited Depth to saturated zone		0.15 Not limited				
Rumford		Not Rated		Not Rated		Not Rated				
Tetotum		Not Rated		Not Rated		Not Rated				
21A:										
Suffolk	80	Not limited		Not limited		Not limited				
Emporia		Not Rated		Not Rated		Not Rated				
Kempsville		Not Rated		Not Rated		Not Rated				
Rumford		Not Rated		Not Rated		Not Rated				
Savannah		Not Rated		Not Rated		Not Rated				
21B:										
Suffolk	80	Not limited		Not limited		Not limited				
Emporia		Not Rated		Not Rated		Not Rated				
Kempsville		Not Rated		Not Rated		Not Rated				
Rumford		Not Rated		Not Rated		Not Rated				
Savannah		Not Rated		Not Rated		Not Rated				
22A:										
Tetotum	80	Somewhat limited Depth to saturated zone		0.39	Very limited Depth to saturated zone		1.00	Somewhat limited Depth to saturated zone		0.39
Lumbee		Not Rated			Not Rated			Not Rated		
Nansemond		Not Rated			Not Rated			Not Rated		
Rumford		Not Rated			Not Rated			Not Rated		
State		Not Rated			Not Rated			Not Rated		
22B:										
Tetotum	80	Somewhat limited Depth to saturated zone		0.39	Very limited Depth to saturated zone		1.00	Somewhat limited Depth to saturated zone		0.39
Nansemond		Not Rated			Not Rated			Not Rated		
Rumford		Not Rated			Not Rated			Not Rated		

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
22B:							
State		Not Rated		Not Rated		Not Rated	
23A:							
Turbeville	85	Not limited		Somewhat limited Shrink-swell 0.50		Not limited	
Emporia		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
23B:							
Turbeville	85	Not limited		Somewhat limited Shrink-swell 0.50		Not limited	
Emporia		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
23C:							
Turbeville	85	Not limited		Somewhat limited Shrink-swell 0.50		Very limited Slope 1.00	
Emporia		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	